

# Transmission Business Line Business Practice Technical Forum IV JULY 8-9, 2003

# Agenda

## **JULY 8, 2003**

- TBL Systems Automation Roadmap
- TBL Systems Technical Forum Issues
  - Strategic TBL Systems Considerations
  - Status Matrix
  - Customer Involvement in the TBL Systems Development Process
  - Proposal for Next Steps
- Work Group Reports
  - Scheduling Practices, Real Power Losses, Operating Reserves, Curtailment, Wind Scheduling
- Wrap-up
  - Next Steps
  - Feedback

## **JULY 9, 2003**

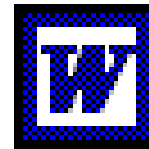
- Short-term reservations and Firm redirects

# Settlement Agreement Update

- Establish and conduct a public forum to discuss and listen to customer issues
- The forum is to meet 3 times in the next year
- Progress vs. Resolution

# Customer Automation Needs

- Customers want to explore adding the TBL flexibilities described below but do not want them regardless of the cost. TBL needs to develop information about the resources each would require for further discussion and consideration.



Customer  
Automation Needs

# Scheduling WG Report Out (Pending)

ISSUES	CURRENT STATUS AS OF JULY 8, 2003	NEXT STEPS
Intermediate transfer party included in tag should have say so/deny tag	This issue is NERC policy.	<ul style="list-style-type: none"> <li>• The issue will be taken to the July WECC meeting for discussion. Shirley Buckmier will report back to the Business Practices forum.</li> </ul>
OASIS doesn't reflect long-term commitments.	<p>The development of the ability to submit long-term transmission requests over the OASIS is currently under consideration for funding (along with all other IT projects) for the next fiscal year. Creating this capability is a complex undertaking. While changes to the OASIS will be necessary to enable it, the ATC calculator under development in the TAP project will need to be finished and integrated with the OASIS functionality and the Contracts Database will also need to be integrated with OASIS. This capability is particularly complex, in part due to contracts being written at the bus level and contracts that contain multiple POR/POD sets.</p>	<ul style="list-style-type: none"> <li>• While the project funding decisions have not been finalized for the upcoming fiscal year, we speculate that at least some of the work needed to enable the capability to submit long-term requests over the OASIS will occur next year. However, it is unlikely that this capability will be completed in the upcoming fiscal year. We are currently unable to estimate when it would be likely to come on line.</li> </ul>

# Scheduling WG Report Out (Pending)

ISSUES	CURRENT STATUS AS OF JULY 8, 2003	NEXT STEPS
Contract demand limits between TBL and transmission customer so customer is notified when they are about to go over their demand limit.	“PATH DEMAND” feature of the Scheduling Automation Project will provide this.	<ul style="list-style-type: none"> <li>• Release two of the Scheduling Automation Project includes this feature. This is the release currently under development. Some customers are concerned about how data from grandfathered contracts will be factored into this capability.</li> </ul>
Reconciliation process behind billings	BPAT will provide communication to customers if process is 70 or more days behind the end of the billing month.	<ul style="list-style-type: none"> <li>• BPAT exploring how to provide communication and what information to include in it.</li> </ul>
Concern on system changes	Continuing discussions of a number of issues such as NERC timelines, SW timelines, seams issues, buying all transmission on OASIS. BPAT is exploring a concern regarding the ability to tie up non-firm transmission sold over the OASIS due to charges being based on schedules rather than reservations.	<ul style="list-style-type: none"> <li>• Scheduling Practices workgroup request to hold a “future systems impacts” discussion with John Anasis and Shirley Buckmier.</li> <li>• BPAT pilot project to post OTC and total schedules by hour at the end of pre-schedule for the Southern Intertie. What is status?</li> </ul>
In hour schedule changes for those that supply reserves across BPA’s system	Agreement that issue should be transferred from the Operating Reserves Work Group to the Scheduling practices Work Group.	<ul style="list-style-type: none"> <li>• Is this still an issue or has it been resolved?</li> </ul>

# Scheduling WG Report Out (Closed)

ISSUES	CONCLUSION SUMMARY	DOCUMENTATION
Passive approval of tags and accepted schedule of tag is not accepted by TBL	Unable to identify sponsor to get clarification of what this item is.	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
TBL elimination of “inactive” accounts is a problem.	New policy that TBL will contact the TCH to get approval before deleting an account.	<ul style="list-style-type: none"> <li>Notice was posted and passed out at Business Practice Forum # 3.  <a href="http://www2.transmission.bpa.gov/business/techforum/Decisions_Resolutions/AccountDeletion52303.pdf">http://www2.transmission.bpa.gov/business/techforum/Decisions_Resolutions/AccountDeletion52303.pdf</a> </li> </ul>
Account building after hours	Expanding account building hours in two phases – one has been implemented, and one to be implemented on October 1.	<ul style="list-style-type: none"> <li>Notice was posted and passed out at Business Practice Forum # 3.  <a href="http://www2.transmission.bpa.gov/business/techforum/Decisions_Resolutions/AccountBuildHours52303.pdf">http://www2.transmission.bpa.gov/business/techforum/Decisions_Resolutions/AccountBuildHours52303.pdf</a> </li> </ul>
Internal constrained paths	John Anasis gave a presentation on the current and possible future constrained paths and how they affect available transmission.	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>
CAISO supplemental market schedule	This will have to be done with dynamic schedules	<ul style="list-style-type: none"> <li>Current postings are available on dynamic scheduling. Dynamic scheduling link added to work group web site.</li> </ul>

# Real Power Losses WG Report Out (Pending)

ISSUES	CURRENT STATUS AS OF JULY 8, 2003	NEXT STEPS
Financial losses (ability to settle losses financially through TBL)	Legal has researched this request and finds that it looks viable through the FPS rate schedule. It does not appear to require a rate case, as loss energy is really sold by PBL, with TBL acting as its agent. PBL and TBL are in discussions to develop the idea.	<ul style="list-style-type: none"> <li>• PBL/TBL to determine viability, related issues and make implementation plans.</li> <li>• Will need to develop the market index pricing and revise the business practice and customer service agreement to accommodate financial settlement of losses. Changes will need to be made to the billing system as well.</li> </ul>
Frequency with which customers may change loss providers/ability to designate loss provider by schedule (E-tag)	As an interim measure, TBL is exploring moving to quarterly elections. Ability to change more frequently than quarterly (i.e., by e-tag) requires that TBL move loss calculations off of RODS. That is unlikely to happen until at least 2005.	<ul style="list-style-type: none"> <li>• TBL internal work to determine capability to make changes to loss providers quarterly.</li> </ul>
Reconciliation of losses	Workgroup is developing a paper on a process and timelines for reconciliation of losses.	<ul style="list-style-type: none"> <li>• Work group to review paper developed by TBL.</li> </ul>



# Real Power Losses WG Report Out (Closed)

ISSUES	CONCLUSION SUMMARY	DOCUMENTATION
For Transmission Contract Holders BPA Power Business Line purchases with losses bundled in the price, the ability to have a loss provider other than the PBL for other transmission contracts.	This capability already exists.	• Not applicable.
Concurrent losses	Real Power Losses workgroup has determined that this capability is not desired at this time.	• Not applicable.

# Operating Reserves WG Report Out (Pending)

ISSUES	CURRENT STATUS AS OF JULY 8, 2003	NEXT STEPS
<p>Flexibility Issues</p> <ul style="list-style-type: none"> <li>• One supplier per transmission customer</li> <li>• Allowing generators to self-supply</li> <li>• Rules for arranging for interruptible exports</li> <li>• Ability to choose split between spinning and supplemental reserve</li> </ul>	<p>The flexibility issues were discussed and it was generally agreed they could not be implemented in the near future due to the need for changes requiring a rat case, tracking issues, and system needs.</p> <p>It was agreed that the ultimate flexibility is for customers to select Operating Reserve supplier by schedule. Development of TBL Scheduling systems should not limit future implementation of this flexibility.</p>	<ul style="list-style-type: none"> <li>• Customers to identify and prioritize a list of flexibilities they would like to see in the future.</li> <li>• Additional work is needed within WECC ISAS to allow tracking of Operating Reserves when a Tag is the schedule. (Shirley Buckmier)</li> </ul>
<p>150 MW floor on Self-Supply</p>	<p>TBL staff explained the need for the 150 MW floor on Self-supply. This will continue to be a criterion for self-supply.</p> <p>Rules for determining when the 150 MW floor was not met and when a customer would be disqualified from self-supply were discussed. It was agreed that TBL should retain some flexibility in enforcement.</p> <p>Alternatives were discussed for customers who do not meet this criteria, including pooling requirements.</p> <p>There are unresolved implementation issues for Transmission Customers who have purchased the Slice product from PBL.</p>	<ul style="list-style-type: none"> <li>• TBL will include the rules for enforcing the 150 MW floor in the business practice.</li> <li>• PBL's Slice customers indicated they would look for other alternatives. The Operating Reserves Work Group meeting is available to continue discussions on implementation issues between the business lines and customers who purchase the Slice product from PBL.</li> </ul>

# Operating Reserves WG Report Out (Closed)

ISSUES	CONCLUSION SUMMARY	DOCUMENTATION
One supplier per transmission customer	N/a	● Combined into Flexibility Issues
Allowing generators to self-supply	N/a	● Combined into Flexibility Issues
Rules for arranging for interruptible exports	N/a	● Combined into Flexibility Issues
Ability to choose split between spinning and supplemental reserve	N/a	● Combined into Flexibility Issues
For L-shaped schedules/ charges, capture rules in Business Practices	TBL provided a list of generic rules for determining OR charges. These rules were designed to avoid double charging for L-shaped schedules. Customers agreed that this works for most cases, but there are some special cases that are not correct.  Work group is satisfied the bulk of normal scheduling practices work fine. The exceptions will be documented	● Andy Law (Avista) will be providing examples of special cases for documentation on ORWG web site.
In hour schedule changes for those that supply reserves across BPA's system	Agreement that issue should be transferred to Scheduling practices Work Group.	● Issue moved to Scheduling practices Work Group.
Selling firm power over non-firm transmission requires operating reserves	Agreement that this issue should be deferred to the WECC group working on seams issues.	● Issue will be handled through established WECC ISAS work groups, not BP Forum. (Shirley Buckmier)

# Curtailment WG Report Out (Pending)

ISSUES	CURRENT STATUS AS OF JULY 8, 2003	NEXT STEPS
Curtailment in real-time based on reservations vs. schedules.	The work group will present its recommendation to the large Business Practices Forum on July 8, 2003. The recommendation is based on proposal developed by Seattle City Light.	<ul style="list-style-type: none"><li>• If the large Forum agrees to advance the recommendation to TBL, TBL will commence internal discussions/evaluation of the proposal.</li></ul>

# Curtailment WG Report Out (Closed)

ISSUES	CONCLUSION SUMMARY	DOCUMENTATION
Documentation of curtailment procedures (CAISO, TBL) and minimize seams/differences.	At the February 7, 2003 Business Practices Technical Forum, TBL presented procedures developed in consultation with the CAISO for mid-hour emergencies involving the AC Intertie or the private NOB portion of the DC Intertie.	<ul style="list-style-type: none"> <li>• The TBL/CAISO procedures presented on February 7, 2003, are documented and available at the Business Practices Technical Forum Website (see “TBL Curtailment Procedures”) at: <a href="http://www2.transmission.bpa.gov/Business/techforum/WorkGroups/Curtailment.cfm">http://www2.transmission.bpa.gov/Business/techforum/WorkGroups/Curtailment.cfm</a></li> </ul>
Timeline of Business Practices or issues that other entities (WECC, ISAS) are developing.	At the February 7, 2003, Business Practices Technical Forum, the Curtailment Work Group recommended, and the Business Practices Technical Forum agreed, that there was nothing for the work group to address until WECC’s ISAS committee finished their work. This issue will be reopened in the event outside discussion creates a need for further review.	<ul style="list-style-type: none"> <li>• This “Closed Curtailment Work Group Issues” matrix provides documentation regarding workgroup efforts on this issue.</li> </ul>

# Wind WG Report Out (Closed)

ISSUES	CONCLUSION SUMMARY	DOCUMENTATION
Wind/Intermittent Generation Scheduling	<p>At the February 7, 2003, Business Practices Technical Forum, the Wind Work group reported that there was a lack of unanimity within the work group about the FPL energy proposed scheduling format. The FPL format came from CAISO and SMD, and was not a perfect fit in the Northwest.</p> <p>The work group intends to revisit the scope of issues to be discussed, and will present new ideas at a future Business Practices Technical Forum. This work group is “inactive” until new issues are brought forward to the forum.</p>	<ul style="list-style-type: none"> <li>• This “Closed Wind Work Group Issues” matrix provides the documentation regarding work group efforts on this issue.</li> </ul>
<p>Alternatives for scheduling.</p> <p>FERC proposal: Wind generator tied to forecast schedule and settled monthly aggregated amount.</p>	<p>At the February 7, 2003, Business Practices Technical Forum, the work group reported that a better understanding of integration costs is needed to advance these issues. Also, they would seek more wind forecast data to develop a proposal(s), and obtain input from TBL on various forecast methods.</p> <p>The work group intends to revisit the scope of issues to be discussed, and will present ideas at a future Business Practices Technical Forum. This work group is “inactive” until new issues are brought forward to the forum.</p>	<ul style="list-style-type: none"> <li>• This “Closed Wind Work Group Issues” matrix provides the documentation regarding work group efforts on this issue.</li> </ul>

# Email addresses

- [Techforum@bpa.gov](mailto:Techforum@bpa.gov) – for issues related to BP Forum
- [Etag@bpa.gov](mailto:Etag@bpa.gov) – for issues related to TBL scheduling automation
- [Contractlock@bpa.gov](mailto:Contractlock@bpa.gov) - for Contract Lock interest

# Future BP Forums

- Anchor for continuing dialog
  - Aggregate rate issues and pull PUSs (Metcalf/Parker) into fray
  - New workgroup issues